

# Lifeline PRO



## Lifeline PRO Semi-Automatic Defibrillator with Manual Override

ECG AND MANUAL OVERRIDE FOR THE PROFESSIONAL RESPONDER

Meet the AED that's taking the Lifeline family to a whole new level. The Lifeline VIEW family of defibrillators are the first and only AEDs with video in full-motion color. The Lifeline PRO takes this revolutionary AED to a whole new level by offering professional responders a fully manual mode that displays the ECG and allows total control of shock energy and delivery in addition to an AED mode that gives step-by-step instructions for performing CPR, rescue breathing and external defibrillation.

And the Lifeline PRO's versatility doesn't stop there. Real Time Protocol Selection enables you to switch rescue protocols

without skipping a beat, giving you the comfort and confidence to deliver emergency care your way. As protocols change over time, your unit can be upgraded in the field in minutes.

Defibtech has drawn accolades for saving lives by producing the best AEDs medical technology can offer and currently has over 160,000 units in the field. With award-winning design, durability, and easy maintenance — backed by the Defibtech commitment to innovation and excellence — we can guarantee that you've never seen an AED like this before.

# Lifeline PRO Semi-Automatic Defibrillator with Manual Override

## TECHNICAL SPECIFICATIONS†

### OPERATING MODES

**AED MODE:** High resolution video display (animated instructions and CPR coaching).

**ECG MONITOR MODE:** Displays ECG data and event information (with 3-lead electrodes).

**MANUAL MODE:** Displays ECG data and event information and defibrillation energy selection from 25-200 Joules with charge, shock and disarm control.

### DEFIBRILLATOR

#### TYPE

Semi-Automatic external defibrillator

#### MODEL

DDU-2400

#### WAVEFORM

Impedance Compensated Biphasic  
Truncated Exponential

#### ENERGY\*

AED Mode:

Adult: 150 Joules

Child / Infant: 50 Joules

Manual Mode:

Adult: User selectable from 25-200 Joules

Child/Infant: User selectable from 25-100 Joules (50 Joules only when using DDP-2002 attenuating defibrillation pads)

#### CHARGE TIME

AED Mode:

4 seconds or less

(from shock advised)\*\*

Manual Mode:

9 seconds or less

(150 Joules)\*\*\*

12 seconds or less

(200 Joules)\*\*\*

#### CONTROLS

Lighted On/Off button

Lighted Shock button

#### DISPLAY

High-resolution color LCD

#### VIDEO PROMPTS

Full motion video

On-screen text prompts

#### CPR COACHING

Video and voice coaching

On-demand video help

#### VOICE PROMPTS

Extensive voice prompts guide user through operation of the unit

#### RESCUE PROTOCOL

AHA/ERC 2010

Supports protocol updates by the user (password protected)

\*Nominal into 50 ohm load

\*\*Typical, new battery, at 25°C

\*\*\*Typical, new battery depleted by 6 shocks, at 25°C

### SELF TESTS

#### AUTOMATIC

Automatic daily, weekly, monthly and quarterly circuitry tests

#### BATTERY INSERTION

System integrity test on battery insertion

#### PAD PRESENCE

Pads preconnected tested daily

#### USER-INITIATED

Unit and battery pack system test initiated by the user

#### STATUS INDICATION

Visual and audible indication of unit status

#### STATUS SCREEN

Unit self-test results

Pads and battery information (status and expiration)

### DEFIBRILLATION / MONITORING PADS

#### MODEL

Adult: DDP-2001

Child / Infant:

DDP-2002 and DDP-2003

#### TYPE

Pre-connected, single-use, non-polarized, disposable, self-adhesive electrodes with cable and connector

#### SURFACE AREA\*

Adult: 77 cm<sup>2</sup>

Child / Infant: 50 cm<sup>2</sup>

\*nominal, each pad

### BATTERY PACKS

#### MODEL

DBP-2003, DBP-2013 (aviation)

#### POWER

12V, 2800 mAh

#### TYPE

Lithium/Manganese Dioxide

Disposable, recyclable, non-rechargeable

#### CAPACITY\*

125 shocks or 8 hours continuous operation

#### STANDBY LIFE\*

4 years

#### LOW BATTERY INDICATORS

Visible  
Audible

\*Typical, with new battery at 25°C

### ENVIRONMENTAL

#### TEMPERATURE

Operating: 0 to 50°C (32 to 122°F)

Standby: 0 to 50°C (32 to 122°F)

#### RELATIVE HUMIDITY

Operating / Standby: 5%-95%

(non-condensing)

#### ALTITUDE

-500 to 15,000 ft (-150 to 4500 m)

per MIL-STD-810F 500.4 Procedure II

#### VIBRATION

Ground (MIL-STD-810F 514.5

Category 20)

Helicopter (RTCA/DO-160D, Section 8.8.2, Cat R, Zone 2, Curve G)

Jet Aircraft (RTCA/DO-160D

Section 8, Cat H, Zone 2,

Curves B & R)

#### SHOCK / DROP ABUSE TOLERANCE

MIL-STD-810F 516.5 Procedure IV  
48 inches (1.2 meters), any edge, corner, or surface, in standby mode

#### CRUSH TEST

1,000 pounds (450 kg)

#### SEALING / WATER RESISTANCE

IEC60529 class IP55; Dust protected; Protected against water jets (battery pack installed)

#### ESD

IEC 60601-4-2: (Open air up to 15kV or direct contact up to 8kV)

#### EMC (Emission)

CISPR 11 Group 1 Level B and FCC Part 15

#### EMC (Immunity)

IEC 61000-4-3 and IEC 61000-4-8

### PATIENT ANALYSIS SYSTEM

#### PATIENT ANALYSIS

Automatically evaluates patient impedance for proper pad contact. Monitors signal quality and analyzes patient ECG for shockable/non-shockable rhythms.

#### SENSITIVITY/SPECIFICITY

Meets AAMI-DF-80 specifications and AHA recommendations

### EVENT DOCUMENTATION

#### INTERNAL EVENT RECORD

Critical ECG segments and rescue event parameters are recorded (greater than 60 minutes) and can be downloaded to a removable data card

#### PC-BASED EVENT REVIEW

ECG with event tag display, and audio playback when available

#### REMOVABLE STORAGE

(optional) Up to 30 hours of ECG and event data storage (no audio option) or up to 3 hours of audio (audio option). ECG and event storage on a removable data card. Actual length of storage is dependent on card capacity.

#### USB PORT

Event download and maintenance operations

### PHYSICAL

#### SIZE

7.3 x 9.5 x 2.3 inches

(18.5 x 24 x 5.8 cm)

#### WEIGHT (with battery)

Less than 3 lbs (1.4 kg)

